

# PI Integrated Systems

## FlexPLANT IDS-FLOW™

**Supported Autodesk Products:** AutoCAD, AutoCAD Mechanical, Autodesk Building Systems, Autodesk Buzzsaw, Autodesk DWF Composer, Autodesk DWF Viewer, Autodesk DWF Writer, Autodesk Symbols, Volo View

**Compatible / Supported Operating Systems:** Microsoft® Windows® XP (Professional, Home Edition, or Tablet PC Edition with SP1 or SP2), Windows 2000 Professional, WIN NT 4.0

**Supported Languages:** English

**IDS-FLOW™** is a complete module for creation of intelligent PFD's and P&ID's. In-situ intelligence resides in attributed data nodes for process and mechanical equipment, as well as for process lines, valves and instrumentation. This data can be reported as standard equipment, line, valve & instrument lists, extracted to standard database files, or XML'd out.

**IDS-FLOW** especially benefits fast-track projects with its 24-hour, self-learning curve; ease-of-use & intuitiveness; quick-start implementation requiring low or no IT resource; and profit-enhancing & project-friendly pricing. While standalone licenses are hardware-based, workgroup licenses are most often software-managed with the Network Licensing Option (NLO) supporting license check-in/check-out, redundant server, and WAN 24/7 implementations.

Common process & mechanical equipment types in several classes are available and are tagged at insertion time by equipment number and further attributed with operating parameters such as flow rates, temperatures & pressures - nozzles, tower trays, & bridle assemblies are additional process equipment details. Routines are provided for connecting equipment with new/existing major & minor process lines and for inserting valves, control stations & instrument assemblies – a large variety of instrument bubbles are provided, as well as many additional line types for interconnecting equipment & instrumentation. Designs may be spec-driven by standard or modified PIP specs, or by custom specs created with the companion no-charge IDS-SPEC™ Generator. Additional annotation and symbology contribute further to accurate transmittals of process information to plant layout & piping design.

### FEATURES & BENEFITS

- ◆ Equipment: Insertions for standard Towers(6), Separators(7), Drums/Tanks(10), Exchangers(25), Pumps(35), Compressors(3), Filters(10), and Trucks/Cranes(28) are provided; bonus Pulp & Paper equipment.
- ◆ Equipment accessories: Also included for equipment are tower trays (14), bridle assemblies (16), instrument assemblies (5), and nozzles (6). Equipment libraries & accessories are extensible.
- ◆ Process lines: Major, minor, existing, instrument, utility, electrical, steam trace, pneumatic, software, hydraulic & capillary lines auto-break based on type hierarchy or horizontal/vertical.
- ◆ Line Extras: Lines numbered automatic/manual; line tags tailored per project/company standard; double- & 3 point lines; piping symbols for insulation, blinds, reducers, laterals, strainers & hoses.
- ◆ Valves: Gate, ball, globe, butterfly, check, needle, plug, & control valves in large/small sizes for open/closed positions – library may be aliased/extended; lines break/heal on insert/delete/move.
- ◆ Valve extras: Valve tags inserted in auto/ask modes with special edit features; valve flanges toggle on/off; large selection of actuators; and special routines for building control stations.
- ◆ Instruments: 8 auto-format standard bubbles & 25+ specials for level/pressure/temperature/flow instrumentation; 35 ISA symbols; instrument numbers automatic/manual; and special instrument editing.
- ◆ Other: Special text routines and additional annotation for flow arrows, continuation tags, vendor limits, revision triangles/clouds, etc. PFD's/P&ID's can jump-start plant layout & piping design.

### SUPPORT & TRAINING

self-help at website; 24-hr tutorial assisted learning curve; telephone support with Software Support Agreement

### WHERE TO BUY

PI Integrated Systems

### PRICE

\$1295 +10% annual SSA

**Autodesk®**

Authorized Unique Application Reseller

**Autodesk®**

Authorized Developer

#### CONTACT INFORMATION



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